Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 29 Oct 2021 until 23:59 on Saturday 30 Oct 2021

Forecast Issued on Thursday 28 Oct 2021 at 14:13

Confidence: High for unsettled, but lowering for the detail of worst of conditions.

Headline for Friday 29 Oct 2021: Overcast with periods of rain, which turns heavy at times. Clearing late in day.

Mountain weather hazards on Friday 29 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Cloudy	Cloudy
Precipitation probability							
90%	70%	70%	70%	70%	70%	20%	10%

Forecast for Friday 29 Oct 2021

Weather: Overcast with periods of rain through the bulk of Friday, with heavy outbreaks most persistent across western ranges. Drier clearing conditions spreading erratically from the south during the late afternoon and evening.

Chance of cloud free mountain/hill tops above 600m: 20% increasing 75% late in day.

Visibility: Moderate or poor in rain, very poor in hill fog with bases quite extensive above 450m for much of the day. Becoming mainly good as clearer conditions spread in late in day.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Friday 29 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 S	10/13 SE	9/12 S	17/24 S	20/29 SW	15/23 SW	16/25 SW	16/25 S	16/25 S
300	5/14 S	4/8 SE	4/10 SE	11/22 S	15/28 SW	11/23 W	10/22 SW	6/17 S	10/23 S
Valley	4/13 S	3/9 SE	4/9 E	7/19 S	12/25 SW	10/21 W	6/17 SW	7/21 S	10/24 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	9/6	8/6	9/6	9/5	7/3	6/2	5/1	5/1
300	12/11	10/10	10/10	11/9	11/8	9/6	8/5	7/5	7/4
Valley	12/12	11/11	11/11	12/11	12/10	10/8	9/7	8/6	9/6
Freezing Level*	2100m	2200m	2100m	2100m	1900m	1700m	1300m	1400m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult to hazardous conditions for much of the day, with quite extensive hill fog, some heavy rain which brings some flooding of local water courses.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 28 Oct 2021	4.6mm	8mm	12mm

Forecast for Saturday 30 Oct 2021

Weather: Better than Friday with a mix of showers and brighter spells holding sway, however some of the showers will be heavy bringing the risk of hail and thunder, also a chance of longer periods of rain crossing for a time, chiefly before mid-morning.

Maximum wind: South or Southwest beginning mean 20-25mph, with gusts reaching 35mph across most exposed ridges and summits. Winds gradually easing from mid-morning.

Chance of cloud free mountain/hill tops above 600m: 80% for any given time but little chance of prolonged clear conditions due to the showery nature of the flow.

Visibility: Good becoming moderate or poor in showers or any longer periods of rain, also very poor in hill fog with bases lowering 450m in showers or longer periods of rain.

Temperature: **Valleys:** Plus 5 Celsius increasing 15 Celsius during the afternoon
At 600m: Plus 6 Celsius decreasing Plus 3 Celsius late in day
Freezing level: Above all summits

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